

GCSE Mathematics

F

Linear Equations

Foundation | Grades 3-5

Total Marks	Time	Questions
40	40 min	20

Instructions:

- Do not use a calculator when you see: 
- Answer all questions in the spaces provided.
- Show all your working - marks are awarded for method as well as final answers.
- Cross through any work you do not want to be marked.
- Check your answers if you have time at the end.

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Edexcel-style questions**Q1** 

Grade 3

Edexcel style

Solve $x + 7 = 12$.

Answer _____

teachably

[1 mark]**Q2** 

Grade 4

Edexcel style

Solve $3x + 5 = 20$.

Answer _____

teachably

[2 marks]**Q3** 

Grade 4

Edexcel style

Solve $5x + 3 = 2x + 18$.

Answer _____

teachably

[2 marks]

Q4

Grade 5

Edexcel style

Solve $3(x + 2) = 21$.

Answer

teachably

[3 marks]**Q5**

Grade 5

Edexcel style

Solve $\frac{x + 4}{3} = 5$.

Answer

teachably

[2 marks]

AQA-style questions**Q6** 

Grade 3

AQA style

Solve $y - 4 = 9$.

Answer

teachably

[1 mark]**Q7** 

Grade 4

AQA style

Solve $4y - 7 = 13$.

Answer

teachably

[2 marks]**Q8** 

Grade 4

AQA style

Solve $7y - 4 = 3y + 16$.

Answer

teachably

[2 marks]

Q9 

Grade 5

AQA style

Solve $4(y - 1) = 24$.

Answer

teachably

[3 marks]**Q10** 

Grade 5

AQA style

Solve $\frac{y - 2}{4} = 3$.

Answer

teachably

[2 marks]

OCR-style questions**Q11** 

Grade 3

OCR style

Solve $3a = 21$.

Answer

teachably

[1 mark]**Q12** 

Grade 4

OCR style

Solve $2a + 9 = 17$.

Answer

teachably

[2 marks]**Q13** 

Grade 4

OCR style

Solve $6a + 1 = 2a + 21$.

Answer

teachably

[2 marks]

Q14

Grade 5

OCR style

Solve $5(a + 3) = 40$.

Answer

teachably

[3 marks]**Q15**

Grade 5

OCR style

Solve $a/5 + 3 = 8$.

Answer

teachably

[2 marks]

Teachably-style questions**Q16** 

Grade 3

Teachably style

Solve $p/4 = 6$.

Answer

teachably

[1 mark]**Q17** 

Grade 4

Teachably style

Solve $5p - 3 = 22$.

Answer

teachably

[2 marks]**Q18** 

Grade 4

Teachably style

Solve $8p - 5 = 3p + 20$.

Answer

teachably

[2 marks]

Q19 

Grade 5

Teachably style

Solve $2(p + 7) = 26$.

Answer

teachably

[3 marks]**Q20** 

Grade 5

Teachably style

Solve $\frac{p + 6}{2} = 9$.

Answer

teachably

[2 marks]**END OF PAPER****Want help from an expert maths tutor?**

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